

VT-2165

PATENT

METHODS OF MAKING LITHIUM
METAL COMPOUNDS USEFUL AS
CATHODE ACTIVE MATERIALS

Abstract of the Invention

The invention provides a novel method for making lithium mixed metal materials in electrochemical cells. The lithium mixed metal materials comprise lithium and at least one other metal besides lithium. The invention involves the reaction of a metal compound, a phosphate compound, with a reducing agent to reduce the metal and form a metal phosphate. The invention also includes methods of making lithium metal oxides involving reaction of a lithium compound, a metal oxide with a reducing agent.

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